JMH JMH

'ATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY	
To: DAVID R. HECKADON TOWNSEND AND TOWNSEND AND CREW ILLP TWO EMBARCADERO CENTER	PCT NOTIFICATION OF TRANSMITTAL OF
EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834	THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION
	(PCT Rule 44.1)
*	Date of Mailing (day/month/year)
Applicant's or agent's file reference	
18608-60-IPC	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US01/18579	International filing date (day/month/year)
Applicant	08 June 2001 (08.06.2001)
Nuvasive Inc.	
The applicant is hereby notified that the international search of	To the beautiful and the second
Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims	F
When? The time limit for filing such amendments is norm international search report; however, for more det	stilly 2 months from the data of toursesisted of the
Where? Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerfund Fessimile No.: (41-22) 740, 14, 35	
For more detailed instructions, see the notes on @	or accompanying sheet.
 The applicant is hereby notified that no international search re Article 17(2)(a) to that effect is transmitted herewith. 	port will be established and that the declaration under
With regard to the protest against payment of (an) additions	free(s) under Rule 40.2, the applicant is notified that:
the protest together with the decision thereon has been a applicant's request to forward the texts of both the prote	rmamitted to the International Bureau together with the est and the decision thereon to the designated Offices.
no decision has been made yet on the protest; the applica	sat will be notified as soon as a decision is made.
Further action(s): The applicant is reminded of the following: Shortly after 18 months from the priority date, the international applica-	
to the apparent winner to avoid of postpone publication, a notice of priority claim, must reach the International Bureau as provided in a completion of the technical preparations for international publication	withdrawal of the international application , or of the sales 90 bis 1 and 90 bis 3, respectively, before the n.
Within 19 months from the priority date, a demand for international pr wishes to postpose the entry into the national phase until 30 months	from the priority date (in some Offices even later).
Within 20 months from the priority date, the applicant must perform the before all designated Offices which have not been elected in the depriority date or could not be elected because they are not bound by	mand or in a later election within 19 months from the
	// /
Commissioner of Patents and Trademarks	Authorized officer
Vame and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 acsimile No. (703)305-3230	Authorizes of figure

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Transferredkn

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORIT	Y			
TO: DAVID R. HECKADON DAVID R. HECKADON TOWNSEND AND TOWNSEND AND CREW LLP TWO EMBARCADERO CENTER EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834	PCT NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION			
	(PCT Rule 44.1)			
	Date of Mailing (day/month/year) 15 JAN 2002			
Applicant's or agent's file reference 18608-60-1PC	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US01/18579	International filing date (day/month/year) 08 June 2001 (08.06.2001)			
Applicant Nuvasive Inc.	202 (00.00,2001)			
Where? Directly to the international Bareau of WIPO 34, chemin das Cockondents 1114 (new 20, 5 witerland Fectimite Not. (44.20) 740, 14.35 For more detailed intervisions, see the notes on 2. The applicant is breity notified that no international states is Article 17(3)(4) to that effect is transmitted between the	multy 2 months from the date of transmitted of the fields, see the notice on the accompany sheet. The accompanying theoret. The accompanying theoret. Toppers will be established and that the declaration mader			
the protest together with the decision thereon has been	transmitted to the International Bureau together with the			
applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.				
4. Further action(s): The applicant is reminded of the following:				
Shortly after 18 months from the priority date, the interestional applic If the applicant wishes to avoid or postpone publication, a notice of priority claim, must encel the International Bureau as provided in completion of the technical preparations for international publication.	of withdrawal of the international application , or of the			
Within 19 months from the priority date, a demand for international pasts to postpone the entry into the national phase until 30 months.	preliminary examination must be filed if the applicant as from the priority date (in some Offices even later).			
Within 20 months from the priority date, the applicant must perform before all designated Offices which have not been elected in the d priority date or could not be elected because they are not bound by	cmand or in a later election within 10 months from the			
Name and mailing address of the ISA/US	Authorized offices			
Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Kristen Droesch die Kolins			
Facsimile No. (703)305-3230	Telephone No. 703-605-1185			

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PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant 18608-60	's or agent's file reference IPC	FOR FURTHER ACTION	ace Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.				
Internatio PCT/US0	nal application No. 1/18579	International filing date (day/mon 08 June 2001 (08.06.2001)	onth/year) (Earliest) Priority Date (day/month/year) (8 June 2000 (08.06.2000)				
Applicant Nuvasive	Inc.		I:				
applicant	according to Article 18. A constitutional search report consists	py is being transmitted to the Inte					
1. Basks a. b.	language in which it was filed the international search was Authority (Rule 23.1(b)). With regard to any nucleotide search was carried out on the contained in the internations	unless otherwise indicated under (carried out on the basis of a translu- and/or amino acid sequence disclusions of the sequence listing: d application in written form.	tion of the international application furnished to this osed in the international application, the international				
	filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form. the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. the statement that the information recorded in computer readable form is identical to the written sequence listing ha						
2. 3. 4. With	been furnished. Certain claims were found Unity of invention is lacking regard to the title, the text is approved as subm	unsearchable (See Box I). g (See Box II).					
s. With	regard to the abstract, the text is approved as subm the text has been established may, within one month from Authority.	, according to Rule 38.2(b), by this	Authority as it appears in Box III. The applicant onal search report, submit comments to this				
6. The f	igure of the drawings to be pub as suggested by the applicant because the applicant failed because this figure better cha	o suggest a figure.	o. 2 None of the figures				

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/18579

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

NEW ABSTRACT

A method and system for detecting nerve status and relative movement between a nerve and a proximity electrode (21). The method determines relative movement between a nerve and a proximity electrode (21) by applying multiple signals to a calibration electrode (22) by applying multiple signals to a calibration electrode (22) where the energy level of each signal alone as predetermined nerve response. The method also syngists multiple signals to the proximity electrode (21) where the energy level of each signal also induces a predetermined nerve response. Based on the variation of the energy level of signals required to induce the predetermined nerve response, the method may detect relative movement between a nerve and a proximity electrode (21).

Form PCT/ISA/210 (continuation of first sheet(2)) (July 1998)

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INTERNATIONAL SEARCH REPORT

International application N

A. CL	ACCURACY AND ON CALL MANNEY AND		101/0301/183/	•	
IPC(7)	ASSIFICATION OF SUBJECT MATTER : A61B 5/05				
US CL	: 600/554				
B. FIF	to International Patent Classification (IPC) or to bot LDS SEARCHED	h national c	lassification and IPC		
U.S. :	documentation searched (classification system follow 128/897-898; 600/372-373, 546, 554; 607/48-49, 1	ed by classi	fication symbols)		
		10			
Dominion	4				
Documents	tion searched other than minimum documentation to	the extent t	hat such documents are include	d in the fields scarched	
Electronic	data base consulted during the international search (n	name of date	base and, where practicable	corch terms used)	
	·		production,	carcii ibriis iiscu)	
	CUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where	appropriate	, of the relevant passages	Relevant to claim No.	
A	US 4,291,705 A (Severinghaus et al.) 29 Sep 198	1 (29.09.19	81) whole document	1-23	
٨	IIS 3 66 329 A (Nordon) 22 hours 1077 mm an an				
•	US 3,66,329 A (Naylor) 23 May 1972 (23.05.197	(Z) whole do	xument	1-3,6-8,10-11,13-	
A	US 5,549,656 (Reiss) 27 Aug 1996 (27.08.1996)	whole door	ment	15, 17-18, 20-22	
				1-23	
٨	US 4,744,371 A (Harris) 17 May 1988 (17.05.1988) Col. 3, lines 52-56, Col. 4, lines 46-			1-3,6-8,10-11,13-	
	[32)			15,17-18,20-22	
^	US 5,853,373 (Griffith et al.) 29 Dec 1998 (29.12	2.1998) who	de document	1-3,6-8,10-11,13-	
				15,17-18,20-22	
	1		i		
			j		
Porth	r documents are listed in the continuation of Box C.				
			See patent family annex.		
	pecial categories of cited documents:	т-	later document published after the int priority date and not in conflict with	eractional filing date or	
A' documen	t defining the general state of the art which is not considered to ticular relevance		understand the principle or theory un-	lerlying the invention	
		•x•	document of particular relevance; the	claimed invention cannot be	
E" cartier aş date	splication or parent published on or after the international filing		considered novel or cannot be considered step when the document is taken along	end to involve an inventive	
L" documen	which was down darks or make the state of \$750 at a		_		
to establi	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason considered to involve as inventive ate			claimed investion cannot be	
(as special	eo)		combined with one or more other such	documents such	
O* document					
P" document	published prior to the international filing date but later than the	-&-	document member of the same patent t	amily	
	ctual completion of the international search	D	6 0 61 1		
		Date of n	edling of the international search	th report	
	2001 (10.09.2001)		/15 JAN 2002) .	
	alling address of the ISA/US	Authorize	d officer	7	
Box		Kristen D	month du K	almount	
	hingron, D.C. 20231 . (703)305-3230				
			No. 703,605,1195		

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic austructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patest Cooperation Treaty and of the Regulations and the Administrative Instructions under the Treaty. Incase of discrepancy between these Notes and those requirements, the latters are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, the hering received the increasional search report, one opportunity to smean the cisions of the interactional application. It should be ownered to may be interested and price of the interactional application (citions, interactions and derivings) may be menteded deriving the state of the interactional applications and derivings) may be menteded deriving the state of the stat

What parts of the international application may be amended?

The cisions only.

The description and the drawings may only be amended during international preliminary examination under Chapter II.

When ? Within 2 months from the date of treasmitted of the interastional search report or 16 months from the priority date, whichever time limit exprises later. It should be noted, however, that the associations will be considered as lawing been received on hand if they are concrived by the interminional Dismon shift the explanation of the supplication for supplication than the proposed of the technical preparations for international publication (Note 46.1).

Where not to file the amendments I

The amendments may only be filed with the international Bureau and not with the receiving Office or the international Searching Authority (Rule 46.2).

Where a demand for international pecliminary examination has been/is filed, see below.

How? Either by cancerlling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement short must be submitted for each short of the claims which, on account of an amendment of amendment, differs from the short originally filed.

All the claims appearing on a replacement abort must be numbered in Arabic numerals. Where a claim is cancelled, no representating of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 200(6)).

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It abould not be confounded with the "Sutement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must indicate the differences between the cisims as filed and the claims as amended. It must, it performs it delicate, in connection with each claim appearing in the international application (it being understoom hat identical indications concerning averaged claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

Notes to Form PCT/ISA/220 (first sheet) (July 1992)